

RESOLUTION CONVERSION METHOD AND PIXEL DATA PROCESSING
CIRCUIT FOR SINGLE-PLATE-TYPE COLOR-IMAGE SENSOR

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ABSTRACT OF THE DISCLOSURE

10 A resolution conversion method and a pixel data
processing circuit for a single-plate type color image
sensor has been disclosed, in which resolution conversion
processing and simultaneous processing can be performed
with a simple configuration, an image of high sharpness
can be obtained without degradation of resolution, and
15 the pixel positions of respective colors coincide with
each other. Resolution conversion processing that
converts color data of each pixel output from a single-
plate-type color-image sensor into data of a
predetermined resolution and simultaneous processing that
20 processes the color data so that the pixel positions of
respective colors coincide with each other are performed
simultaneously in the same circuit.